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ABSTRACT

This booklet contains the mathematics test (computation and applications) of the Wisconsin Pupil Assessment Program for grade 4. The test consists of 78 items ranging from the measurement of arithmetic skills to knowledge of basic concepts in computer science. (JN)

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# WISCONSIN PUPIL ASSESSMENT PROGRAM

ED258806

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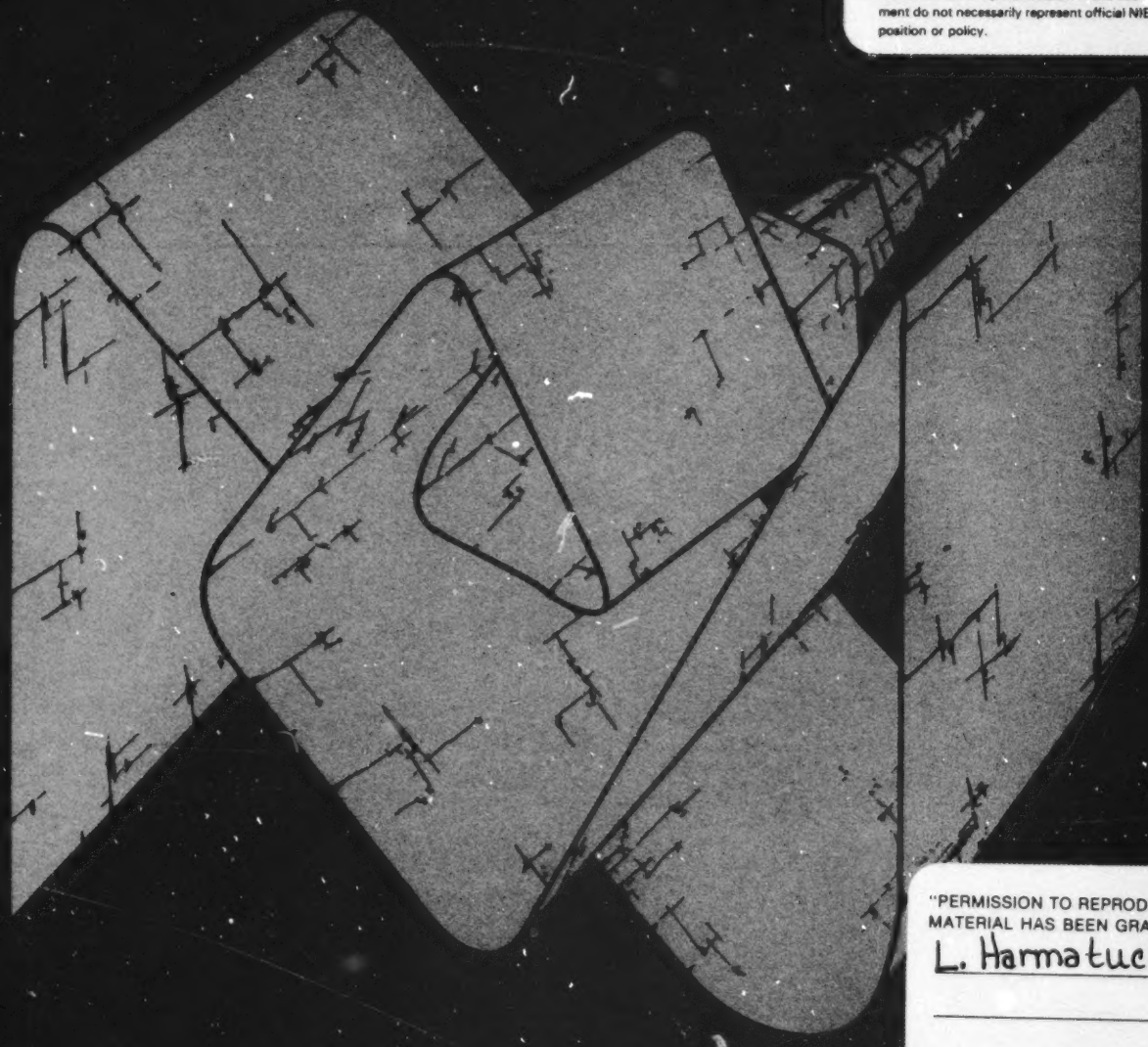

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1. 46 + 69 =

A 105
B 115
C 116
D 125

2. 400 X 2 =

A 80
B 402
C 600
D 800

3. $5\overline{)55}$

A 275
B 101
C 15
D 11

4.
$$\begin{array}{r} 892 \\ -\ 401 \\ \hline \end{array}$$

A 401
B 491
C 591
D 1,293

5. 205 X 5 =

A 125
B 210
C 225
D 1,025

6. 460 X 4 =

A 1,840
B 1,640
C 464
D 184

7. 8 X 5 =

A 30
B 40
C 45
D 50

8.
$$\begin{array}{r} 642 \\ -\ 93 \\ \hline \end{array}$$

A 735
B 549
C 548
D 449

9. How much money is shown?

A $1.02

B $1.05

C $1.27

D $1.97

10. How long did you watch TV if you watched 2 programs that are each 30 minutes long?

A $\frac{1}{2}$ hour

B 1 hour

C $1\frac{1}{2}$ hours

D 2 hours

11. How many pounds do they weigh altogether?

85 lbs.

62 lbs.

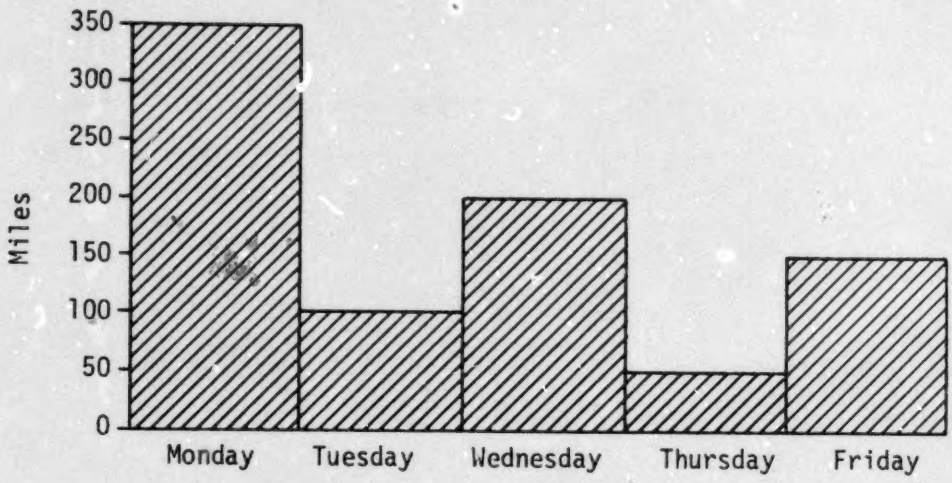
47 lbs.

A 204 lbs.

B 194 lbs.

C 158 lbs.

D 147 lbs.




12. The Smiths went on a trip.
The picture above shows how far they went each day.
On what day did the Smiths travel 100 Miles?

A Tuesday

B Wednesday

C Thursday

D Friday

13. How far did the Smith family travel altogether on Wednesday, Thursday, and Friday?

A 250 miles

B 400 miles

C 450 miles

D 550 miles

14. Jan saves $2.00 each month.
How much can she save in 6 months?

A $ 2.00

B $ 3.00

C $ 8.00

D $12.00

15.

Tommy and Mary help their Dad paint the outside of their house.
They paint every Saturday and Sunday for 5 weeks.
How many days did they paint?

A 2 days

B 5 days

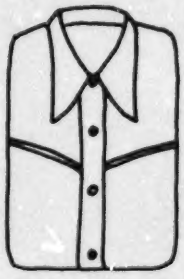
C 7 days

D 10 days

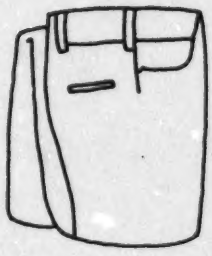
16.

What is the total cost?

Belt $2.50



Shirt $3.95



Pants $9.00

Boots $14.95

A $28.95

B $29.40

C $29.95

D $30.40

17.

Bill wants to buy a kite which costs 59¢
and a ball of string which costs 29¢.
He has 75¢.
How much <u>more</u> money does he need?

A 13¢ more

B 16¢ more

C 46¢ more

D 88¢ more

7

18. $8 \div 1 =$

A 1

B 7

C 8

D 9

19. $3\overline{)9}$

A 3

B 6

C 9

D 12

20.
$$\begin{array}{r} 168 \\ \times\ 5 \\ \hline \end{array}$$

A 940

B 890

C 840

D 800

21.
$$\begin{array}{r} 702 \\ \times\ 4 \\ \hline \end{array}$$

A 2,880

B 2,808

C 2,480

D 2,408

22. Which number is equal to $3\frac{1}{2}$ ?

A 3.2

B 3.12

C 3.21

D 3.5

23.
$$\begin{array}{r} 214 \\ +\ 356 \\ \hline \end{array}$$

A 570

B 580

C 670

D 5,610

24.
$$\begin{array}{r} 7 \\ \times\ 0 \\ \hline \end{array}$$

A 0

B 1

C 7

D 70

25. $4 \times 4 =$

A 8

B 12

C 16

D 20

26.

TAX TABLE

| Amount | Tax |
|---|---|
| $1.13 to $1.37 | .05 |
| $1.38 to $1.62 | .06 |
| $1.63 to $1.87 | .07 |
| $1.88 to $2.00 | .08 |

How much would a $1.75 baseball bat cost with tax? (use table)

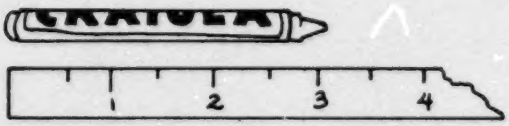
A $1.68

B $1.75

C $1.82

D $1.94

27.




This crayon is about

A 6 units long

B 4½ units long

C 4 units long

D 3 units long

28.

The Snow Mountain ski run is 1,247 meters long.
The Cannon Ball ski run is 946 meters long.
How much longer is the Snow Mountain run?

A 301 meters

B 311 meters

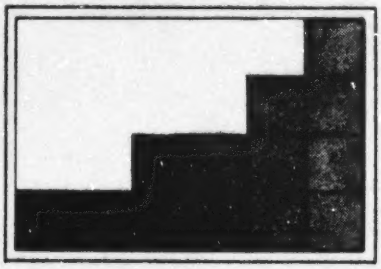
C 393 meters

D 1,201 meters

9

29.

The picture shows the pan of fudge Tim made for a party.
The children have eaten many of the pieces of fudge.
How many pieces were there to begin with?



A 20 pieces

B 24 pieces

C 28 pieces

D 32 pieces

30.

It takes 3 kilograms (3 kg) of sand to cover the icy sidewalk in front of the school.
During the winter the icy sidewalk is covered with sand 10 times.
How much sand is <u>left</u> from a 50 kg bag?

A 20 kg

B 30 kg

C 40 kg

D 60 kg

31.

How many nickels in $1.00?

A 5 nickels

B 10 nickels

C 15 nickels

D 20 nickels

32.

Ivan went to the supermarket to pick up two boxes of breakfast cereal at $1.10 each, and also one gallon of milk at $1.30. How much was the total purchase?

A $2.40

B $3.50

C $3.70

D $4.80

33.

Mary bought a 10-speed bicycle for $129 and a tennis racket for $22. How much did Mary spend?

A $107

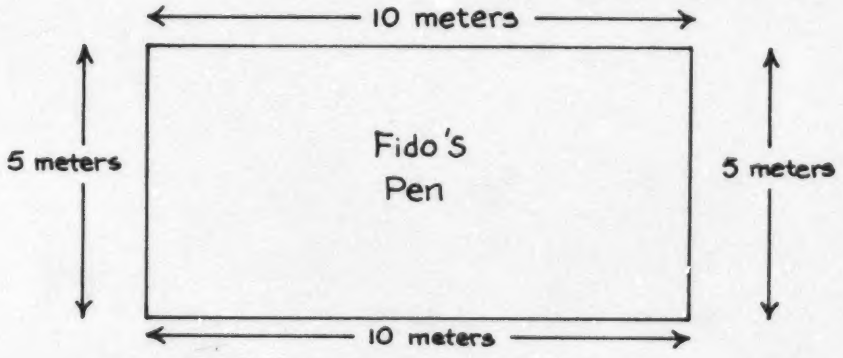
B $141

C $151

D $349

34.

How much fence is needed for Fido's pen?




A 20 meters

B 25 meters

C 30 meters

D 50 meters

35.

$$\begin{array}{r} 39 \\ +\ 29 \\ \hline \end{array}$$

A 10

B 58

C 68

D 518

36. $908 - 19 =$

A 887

B 889

C 911

D 984

37. Which number is equal to $\frac{7}{4}$ ?

A $7\frac{1}{4}$

B $1\frac{3}{4}$

C $3\frac{1}{4}$

D $\frac{4}{7}$

38.

$$\begin{array}{r} 47 \\ \times\ 3 \\ \hline \end{array}$$

A 80

B 121

C 141

D 1,221

39. $4\overline{)84}$

A 12

B 20

C 21

D 41

40. $40 \times 3 =$

A 43

B 120

C 403

D 430

41. Which number is equal to $\frac{2}{3}$ ?

A $\frac{7}{8}$

B $\frac{8}{12}$

C $\frac{3}{2}$

D $2\frac{1}{3}$

42. $6\overline{)6}$

A 0

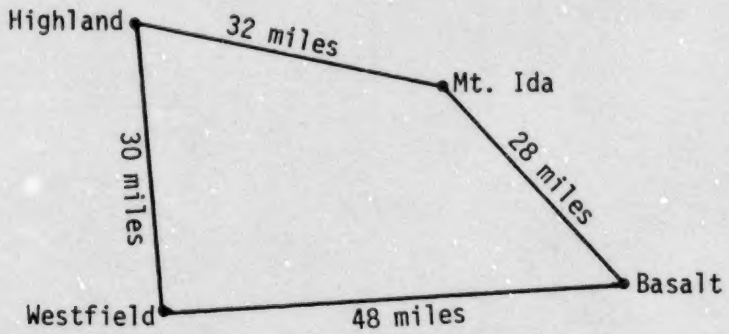
B 1

C 6

D 12

43.

How many miles are in the shortest route from Basalt to Highland?




A 18 miles

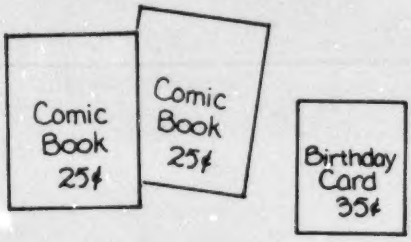
B 60 miles

C 78 miles

D 138 miles

44.

How much will two comic books and one birthday card cost?




A 60¢

B 75¢

C 85¢

D 95¢

45.

A clerk gave you these coins as change. How much money is shown?

A 32¢

B 37¢

C 42¢

D 47¢

46.

A jump rope costs 59¢ and David has 75¢.
What will he have left after the purchase?

A 11¢

B 16¢

C 24¢

D 26¢

47.

Laura drove from Sheboygan to Appleton.
She got to Appleton at 4:15 p.m.
The trip took 2 hours.
When did she leave Sheboygan?

A 12:15 p.m.

B 1:15 p.m.

C 2:15 p.m.

D 3:15 p.m.

48.

Workers have loaded a 250 lb. box of rubber lids,
a 300 lb. stack of cartons, and a
700 lb. machine part on a factory elevator.
The elevator can lift a total of 2,000 lbs.
How much more could the elevator lift?

A 750 lbs.

B 850 lbs.

C 1,250 lbs.

D 3,250 lbs.

49. $1\overline{)7}$

A 0

B 1

C 6

D 7

50. $793 - 52 =$

A 273

B 291

C 741

D 771

51. $\begin{array}{r} 3,264 \\ +\ 4,635 \\ \hline \end{array}$

A 7,898

B 7,899

C 7,909

D 7,999

52. $85 + 414 =$

A 471

B 499

C 1,264

D 1,269

53. $3\overline{)396}$

A 32

B 123

C 132

D 323

54. $89 - 5 =$

A 84

B 83

C 74

D 39

55. $57 - 8 =$

A 59

B 51

C 49

D 46

56. $5 + 5 =$

A 0

B 1

C 10

D 15

57.

A babysitter begins at 7:00 p.m. and finishes at 11:00 p.m.
Babysitting pays $.75 an hour.
How much is earned?

A $2.25

B $2.75

C $3.00

D $4.00

58.

Billy delivers newspapers for two hours a day on Monday through Saturday.
How many hours are spent delivering papers in one week?

A 8 hours

B 12 hours

C 14 hours

D 26 hours

59.

It takes three (3) spoons of sugar to sweeten one pitcher of lemonade.
How many spoons of sugar are needed to make six (6) pitchers full?

A 3 spoons

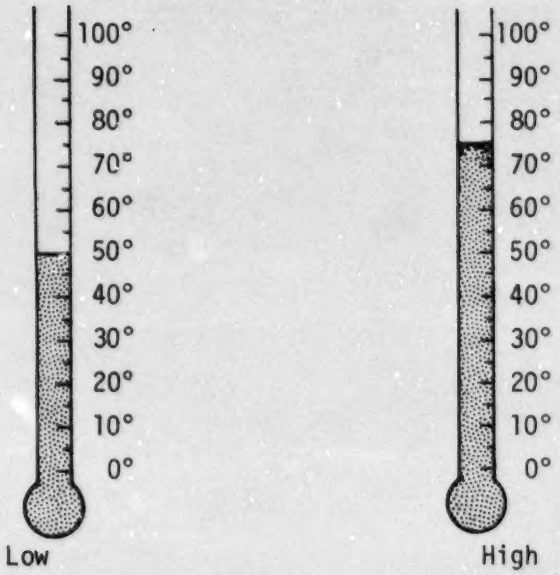
B 6 spoons

C 9 spoons

D 18 spoons

60.

The TV weather report showed the high and low temperatures for the day.




How much did the temperature change?

A 15°

B 25°

C 50°

D 75°

61.

Jane has 65¢.
She buys one tablet for 35¢
Pencils cost 5¢ each.
How many pencils can she buy with the money she has left?

A 3 pencils

B 4 pencils

C 5 pencils

D 6 pencils

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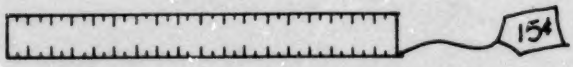
62. How much would 3 rulers cost?



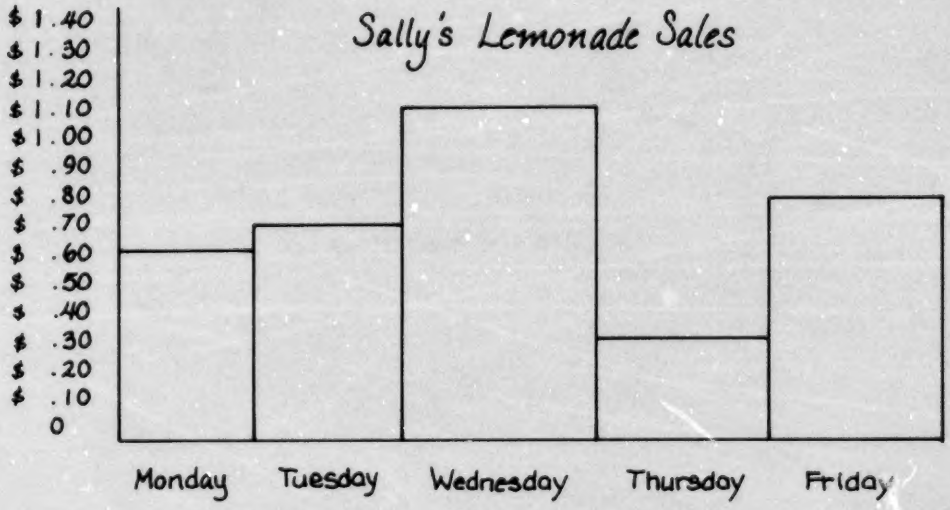

A 12¢

B 18¢

C 35¢

D 45¢

63.




How much more money did Sally make on Tuesday than on Thursday?

A $ .40

B $ .50

C $ .80

D $1.00

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64. Which number is equal to 0.4?

A $\frac{2}{5}$

B $\frac{1}{4}$

C 4.0

D $\frac{4}{5}$

65.
$$\begin{array}{r} 6 \\ \times\ 4 \\ \hline \end{array}$$

A 18

B 20

C 24

D 30

66.
$$\begin{array}{r} 34 \\ \times\ 2 \\ \hline \end{array}$$

A 38

B 56

C 58

D 68

67. $2\overline{)40}$

A 2

B 8

C 20

D 80

68.
$$\begin{array}{r} 60 \\ -\ 38 \\ \hline \end{array}$$

A 22

B 32

C 38

D 98

69.
$$\begin{array}{r} 65 \\ -\ 54 \\ \hline \end{array}$$

A 119

B 19

C 12

D 11

70.
$$\begin{array}{r} 2123 \\ \times\ 3 \\ \hline \end{array}$$

A 5,456

B 6,169

C 6,369

D 32,123

71.

You bought Star Wars cards and a yo-yo.

What would be your change from a dollar?

A 26¢

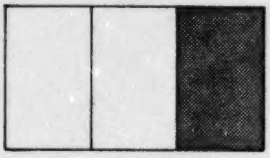
B 38¢

C 48¢

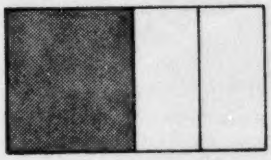
D 62¢

72.

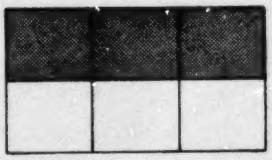
Choose the drawing with the same amount of shaded area as:



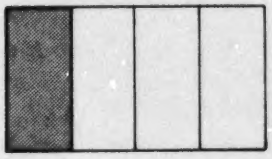
A



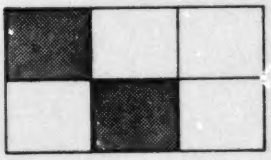
C



B



D



73. Computers are <u>not</u> useful for work which must be:

A done quickly.

B based on feelings and emotions.

C done over and over again.

D completely accurate.

74. If your parents get a bill with an error, it was probably caused by a:

A breakdown of the computer.

B mistake made by people.

C poor design of the computer.

D general weakness of machines.

75. Computers <u>cannot</u> run without:

A blinking lights.

B keyboards.

C instructions.

D all of the above.

76. In order to program a computer, a person:

A can use any English language words.

B can use any English or foreign language words.

C must use programming language numbers, not words.

D must use the words from a programming language.

77. At any given moment, a computer's memory unit can store:

A programs.

B data.

C answers.

D all of the above.

78. The computer must have two types of information to solve a problem:

A the problem and the answer.

B the name of the program and user number.

C the data and the instructions.

D the name of the program and your name.